

Claims

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1. An electrical circuit (80) containing:
a first circuit (72) having associated therewith a first track (44b) supporting, in use, a first current; and

5 a second circuit (74) drawing, in use, a second current, the second circuit located proximate to the first track (44b);

the electrical circuit characterised by:

an electrical shield (76) providing an electrically isolated enclosure, the electrical shield (42, 44a, 44c, 46, 76) positioned substantially about
10 the first track (44b) and such that the shield inhibits, in use, shorting of the first track (44b) to the second circuit (74) to restrict, in use, substantial summing of the first current with the second current.

2. The electrical circuit of claim 1, wherein the shield (76), in use and
15 under fault conditions, inhibits establishment of a short circuit supporting flow of a current greater than a predetermined threshold through an electrical component.

3. The electrical circuit of claim 1, wherein the electrical component is a
20 laser diode.

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4. The electrical circuit of claim 1, 2 or 3, wherein the second circuit is a track.

25 5. The electrical circuit of any preceding claim, wherein the shield comprises at least one metal layer within an integrated circuit and at least one via.

30 6. An electrical device comprising the electrical circuit of any preceding claim.

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